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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Pondicq-Cassou  
Serial No.: 10/646,253  
Filed: August 22, 2003  
Group Art Unit: 3744  
Examiner: Jiang, Chen Wen  
Title: DEFROSTING METHODOLOGY FOR HEAT PUMP WATER  
HEATING SYSTEM

Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

**RESPONSE**

Dear Sir:

This paper is responsive to the Office Action mailed on December 13, 2004. Claims 1, 2, 4-13 and 18-20 remain in this application. Claims 1, 4, 5, 7, 9-13 and 19 have been amended, and claims 3 and 14-17 have been cancelled. Please amend the application as follows.